



Design and Technology (Product Design)

Awarding Body	AQA	Specification Code	7552
Purpose of the course	<p>This creative and thought-provoking qualification gives students the practical skills, theoretical knowledge and confidence to succeed in a number of careers. Especially those in the creative industries.</p> <p>They will investigate historical, social, cultural, environmental and economic influences on design and technology, whilst enjoying opportunities to put their learning into practice by producing prototypes of their choice.</p> <p>Students will gain a real understanding of what it means to be a designer, alongside the knowledge and skills sought by higher education and employers.</p>		
Entry requirements	All students will have studied GCSE design and technology or engineering and achieved a 5 or above in either subject and Maths.		
Type of qualification	A Level		
Course contents	<p>Technical Principles, including:</p> <ul style="list-style-type: none">● Materials and their applications● Methods for investigating and testing materials● Performance characteristics of materials● Enhancement of materials● Forming, redistribution and addition processes <p>Designing and making principles, including:</p> <ul style="list-style-type: none">● Design methods and processes● Design theory● How technology and cultural changes can impact on the work of designers● Product life cycle		
Assessment method	<p>Students have two external examinations:</p> <p>Written exam 1: Technical principles 30% of A Level</p> <p>Written exam 2: Designing and making principles 20% of A Level</p> <p>And one non-exam assessment (NEA), which is a substantial design and make project, worth 50% of the A Level. This is a written or digital design portfolio and photographic evidence of the final prototype.</p>		
Further studies	<p>This course could either lead to higher education or into the world of work. It is highly thought of by universities and employers.</p> <p>This course can lead into the following areas :</p> <ul style="list-style-type: none">● Exhibition designer● Furniture designer● Industrial/product designer● Interior and spatial designer		
Subject Lead	Mr C Bourne		